

STATUS OF THE ZINC PHOSPHIDE CONSORTIUM

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Abstract:

In 1991, zinc phosphide technical registrants received an extensive Data Call-In (DCI) requiring submission of numerous studies to the Environmental Protection Agency (EPA) before zinc phosphide could be reregistered. Individually each technical registrant did not have the funding to generate the required data. Therefore, the Zinc Phosphide Consortium was formed in the spring of 1991 to generate funds for conducting studies. The Consortium is composed of technical and end-use product registrants, state agencies, and APHIS. The Denver Wildlife Research Center (APHIS) has coordinated the activities of the Consortium for the past 2 1/2 years. This has included negotiating with EPA, and establishing and monitoring contracts for conduct of required research studies.

Since its formation, the Consortium has requested and received a number of data waivers from the EPA. Several studies have been completed and submitted to the EPA, including:

Gene Mutation-Ames
Structural Chromosomal Aberration
Other Genotoxic Effects

Other studies are in progress, including:

Acute and Subchronic Neurotoxicity
90-Day Feeding/Rodent
Teratogenicity/Rat

The Consortium has agreed to provide data from the literature to meet all the Environmental Fate data requirements. Some studies are still being debated with the EPA, including:

90-Day Neurotoxicity-Mammal; The Consortium was told verbally that this study would not be required but it still appears as a data requirement on EPA correspondence.
Cropfield Trials; The Consortium has not received adequate information on how to perform this study.
Processed Food; The Consortium has not received adequate information on how to perform this study.